

median blue-edged white spots; secondaries below nearly as in *A. euplœoides*, but the anal angle grey; body below brown, with lateral blue-edged white spots: expanse of wings 3 inches 11 lines.

♀ Malacca.

On new Species of the Genus *Euptychia*, with a tabular view of those hitherto recorded. By ARTHUR G. BUTLER, F.L.S., F.Z.S., &c.

[Read November 2, 1876.]

(PLATE XII.)

WHEN I first began to study this group of Butterflies, only seventy-one species were catalogued; several of these, however, upon careful examination, proved not to be congeneric. My monograph of *Euptychia*, read before the Zoological Society in 1866, added sixty new species; and a supplementary paper which appeared in the following year added ten more.

Since the appearance of my memoir on the genus, the number of species has gradually increased to 179; it is therefore only natural that the determination of the novelties which still continue to arrive from all parts of Tropical America, should have become a laborious operation. Whilst adding to this trouble by making known to science several interesting species from the collections of Dr. Staudinger and Mr. Osbert Salvin, I propose to counteract it in a great measure by grouping the allied forms together and presenting them in a tabular form for the sake of easy reference.

Genus EUPTYCHIA, *Hübner*.

Specific name.	Author.	Where figured, or (if not figured) where first described.	Typical localities.
Ocirrhoë.....	Fabricius ..	<i>E. ocirrhoë</i> group. Sulzer, Gesch. Ins. pl. 17, figs. 3, 4 (<i>P. hesione</i>)	Central Amer.
Lydia	Cramer	Pap. Exot. ii. pl. 148, figs. C, D (1779).	Surinam.
Calpurnia	Felder.....	Reise Nov. iii. p. 484 (1867) ..	Cayenne.
Metaleuca	Boisduval ..	Lép. Guat. p. 63 (1870) = <i>E. Butleri</i> , Distant.	Guatemala.
Languida	Butler.....	Ann. & Mag. Nat. Hist. viii. p. 282 (1871).	Bogota.

Specific name.	Author.	Where figured, or (if not figured) where first described.	Typical localities.
<i>E. mollina</i> group.			
Mollina	Hübner	Sml. exot. Schm. Zutr. figs. 105, 106 (1806).	Amazons.
Hilara.....	Felder..... Staudinger..	Reise Nov. iii. p. 485 (1867).	Bogota. Chiriqui.
Mollis'.....		Zool.-botan. Ges. Wien. p. 105 (1875).	
Insolata	Butler and Druce	Cist. Ent. i. p. 99.	Costa Rica.
Westwoodii ..	Butler.....	Proc. Zool. Soc. pl. 12, fig. 3 (1867).	Honduras.
Jesia	Butler.....	Lep. Exot. pl. iv. fig. 6 (1869).	Ecuador.
Enyo	Butler.....	P. Z. S. pl. 39, fig. 22 (1866) ..	Cuenca.
Fetna	Butler.....	Ent. Mo. Mag. vi. pl. i. fig. 1 (1870).	San Geronimo.
Binocula.....	Butler.....	Lep. Exot. pl. iv. fig. 5 (1869).	Cayenne.
Macrophthalma	Staudinger..	Zool.-botan. Ges. Wien. p. 106 (1875).	Chiriqui.
Francisca	Butler.....	Lep. Exot. pl. xviii. fig. 4 (1870)	Ecuador.
<i>E. saturnus</i> group.			
Saturnus.....	Butler.....	P. Z. S. pl. 39, fig. 19 (1866) ..	Venezuela.
Vesta	Butler.....	P. Z. S. pl. 39, fig. 20 (1866) ..	Venezuela and Bogota.
Furina	Hewitson ..	Exot. Butt. iii. pl. 44, fig. 4 (1862) = <i>Jaresia</i> , Butl.	Tapajos.
<i>E. nopsis</i> group.			
Nopsis.....	Hewitson ..	Exot. Butt. iii. pl. 49, fig. 1 (1862).	Quito.
Albofasciata ..	Hewitson ..	Butler, Lep. Exot. pl. 18, fig. 7 (1870).	Ecuador.
<i>E. pronophila</i> group.			
Pronophila....	Butler.....	P. Z. S. pl. 12, fig. 20 (1867) ..	Rio Janeiro.
Abretia	Capronnier..	Ann. Soc. Ent. Belg. xvii. pl. 1, fig. 6 (1874).	Valença.
<i>E. liturata</i> group.			
Ashna.....	Hewitson ..	Butler, Lep. Exot. pl. 18, fig. 6 (1870).	Ecuador.
Liturata	Butler.....	P. Z. S. pl. 12, fig. 18 (1867) ..	— ?
Vesper	Butler.....	P. Z. S. pl. 12, fig. 19 (1867) ..	— ?
Armilla.....	Butler.....	P. Z. S. pl. 12, fig. 21 (1867) ..	Minas Geraes.
<i>E. ocypte</i> group.			
Ocypte	Fabricius ..	Gen. Ins. Mant. p. 260 (1776)..	Surinam.
Terentia.....	Felder.....	Reise Nov. iii. p. 483 (1867) ..	Cayenne.
Labè	Butler.....	Ent. Mo. Mag. 6, pl. i. fig. 2 (1870).	Veragua and Guatemala.
Helle	Cramér	Pap. Exot. iii. pl. 194, figs. F, G (1872).	Surinam.

Specific name.	Author.	Where figured, or (if not figured) where first described.	Typical locality.
Myncea	Cramer	Pap. Exot. iii. pl. 293, fig. C (1782).	Surinam.
Palladia	Butler	P. Z. S. pl. 39, fig. 21 (1866) ..	Tapajós.
Terrestris	Butler	P. Z. S. pl. 39, fig. 1 (1866) ..	Pará.
Penelope	Fabricius . . .	(<i>clarissa</i>) Cramer, Pap. Exot. iv. pl. 293, figs. D, E (1782).	Surinam.
Themis	Butler	P. Z. S. pl. 12, fig. 13 (1867) = ? <i>E. similis</i> *.	Guatemala.
Usitata	Butler	P. Z. S. pl. 39, fig. 2 (1866)	Venezuela.
Undina	Butler	(<i>similis</i> part) P. Z. S. pl. 12, fig. 13 (1867).	Nicaragua.
Pieria	Butler	P. Z. S. pl. 39, fig. 3 (1866)	Honduras.
Austera	Butler	P. Z. S. pl. 39, fig. 4 (1866)	Bogota.
Divergens	Butler	P. Z. S. pl. 40, fig. 3 (1866)	Rio Negro.
Eurytus	Fabricius . . .	Syst. Ent. p. 487 (1775)	United States.
Periphās	Godart	Enc. Méth. ix. pp. 465 and 495 (1819).	Brazil.
Lethe	Butler	P. Z. S. pl. 12, fig. 1 (1867) ..	Venezuela.
Argante	Cramer	Pap. Exot. iv. pl. 264, figs. C, D (1781).	Surinam.
Erigone	Butler	P. Z. S. pl. 39, fig. 5 (1866) ..	St. Paulo.
Argyrospila	Butler	P. Z. S. pl. 11, fig. 12 (1867) ..	Ega.
Crantor	Fabricius . . .	Ent. Syst. iii. p. 158 (1793) † ..	— ?
Ocnus	Butler	P. Z. S. pl. 11, fig. 8 (1867) ..	Amazons.
Eriphule	Butler	P. Z. S. pl. 39, fig. 6 (1866) ..	Pernambuco.
Electra	Butler	P. Z. S. pl. 39, fig. 7 (1866) ..	Bahia.
Variabilis	Butler	P. Z. S. pl. 39, fig. 8 (1866) ..	Pernambuco.
Disaffecta	Butler and Druce.	P. Z. S. p. 336 (1874)	Costa Rica.
Angularis	Butler	P. Z. S. pl. 12, fig. 8 (1867) ..	Minas Geraes.
Straminea	Butler	P. Z. S. pl. 12, fig. 9 (1867) ..	Minas Geraes.
Affinis	Butler	P. Z. S. pl. 39, fig. 9 (1866) ..	Pernambuco.
Vestigiata	Butler	P. Z. S. pl. 12, fig. 17 (1867) ..	Minas Geraes.
Ochracea	Butler	P. Z. S. pl. 11, fig. 5 (1867) ..	Brazil.
<i>E. renata</i> group.			
Renata	Cramer	Pap. Exot. iv. pl. 326, fig. A (1782).	Surinam.
Celmis	Godart	Enc. Méth. ix. pp. 463 & 489 (1819).	Brazil.
Phronius	Godart	Enc. Méth. ix. pp. 466 & 496 (1819).	Brazil.
Pæon	Godart	Enc. Méth. ix. pp. 464 & 498 (1819).	Brazil.

* Mr. Salvin tells me that *E. similis* is distinct; but I have not had an opportunity of comparing the two types.

† Donovan's figures are not trustworthy; and therefore I do not quote them.

Specific name.	Author.	Where figured, or (if not figured) where first described.	Typical localities
<i>E. grimon</i> group.			
Marmorata . . .	Butler	P. Z. S. pl. 40, fig. 1 (1866) ..	Rio Janeiro and Rio Grande.
Grimon	Godart	Enc. Méth. ix. pp. 464 & 490 (1819).	Brazil.
<i>E. ambigua</i> group.			
Ambigua	Butler	P. Z. S. pl. 39, fig. 10 (1866) ..	Rio Janeiro.
Modesta	Butler	P. Z. S. pl. 12, fig. 12 (1867) ..	Pará.
Hübneri	Butler	P. Z. S. pl. 39, fig. 11 (1866) ..	Pará.
<i>E. hermes</i> group.			
Galesus	Godart	Enc. Méth. ix. pp. 465 & 496 (1819).	Brazil.
Melobosis	Capronnier . .	Ann. Soc. Ent. Belg. xvii. pl. i. fig. 5 (1874).	Chapeo d'Uvas.
Camerta	Cramer	Pap. Exot. iv. pl. 293, fig. F (1872).	Surinam.
Umbrosa	Butler	Lep. Exot. pl. xviii. fig. 8 (1870).	Ecuador.
Undulata	Butler	P. Z. S. pl. 39, fig. 13 (1866) ..	Pará.
Atalanta	Butler	P. Z. S. pl. 39, fig. 12 (1866) ..	Venezuela.
Fallax	Felder	Wien. ent. Mon. vi. p. 177 (1862).	Rio Negro.
Hermes	Fabricius . . .	Ent. Syst. iii. p. 158 (1793) . . .	Brazil.
Sosybius	Fabricius . . .	Ent. Syst. iii. p. 219 (1793) . . .	— ?
Maimounè	Butler	Ent. Mo. Mag. 6, pl. 1, fig. 4 (1870).	Pebas.
Pimpla	Felder	Wien. ent. Monatschr. vi. p. 177 (1862).	Rio Negro and New Granada.
Binalinea	Butler	P. Z. S. pl. 39, fig. 14 (1866) ..	Kerguelen and Pernambuco.
Poltya	Prittitz	Stett. Ent. Zeit. p. 311 (1865).	Corecovo.
Acmenis	Hübner	Zutr. figs. 233, 234 (1806)	Baltimore.
Zeredatha	Butler	Lep. Exot. pl. iv. fig. 3 (1869) ..	Rio.
Eoüs	Butler	P. Z. S. pl. 39, fig. 15 (1866) ..	Pará.
<i>E. phares</i> group.			
Epinephelè	Felder	Reise der Nov. Lep. iii. p. 476 (1867).	Mexico.
Jovita	Felder	Reise der Nov. Lep. iii. p. 477 (1867).	Bogota.
Phares	Godart	Encyc. Méth. ix. pp. 464 & 491 (1819).	Brazil.
Rubricata	Edwards	Trans. Amer. Ent. Soc. (1871).	Texas.
Pharella	Butler	P. Z. S. pl. 39, fig. 16 (1866) ..	Rio Janeiro.

Specific name.	Author.	Where figured, or (if not figured) where first described.	Typical localities.
<i>E. harmonia</i> group.			
Gulnarè	Butler	Ent. Mo. Mag. vi. pl. 1, fig. 3 (1870).	Panama.
Harmonia	Butler	P. Z. S. pl. 39, fig. 17 (1866) . .	Quito.
Yphthima	Felder	Reise der Nov. Lep. iii. p. 481 (1867).	Bahia.
Phineus	Butler	P. Z. S. pl. 39, fig. 18 (1866) . .	Venezuela.
Nebulosa	Butler	P. Z. S. pl. 12, fig. 2 (1867)	Venezuela.
Oreba	Butler	Ent. Mo. Mag. vi. pl. 1, fig. 7 (1870).	— ?
<i>E. necys</i> group.			
Obscura	Butler	P. Z. S. pl. 11, fig. 9 (1867) . .	Bolivia.
Necys	Godart	Enc. Méth. ix. pp. 466 & 511 (1819)= <i>vastata</i> , <i>Butl.</i>	Brazil.
Squamistriga . .	Felder	<i>Zabdi</i> , Butler, Lep. Exot. pl. iv. fig. 7 (1869),	Mexico.
Rustica	Butler	Cat. Sat. pl. 1, fig. 4 (1868) . .	Bolivia.
Polyphemus . .	Butler	P. Z. S. p. 488, pl. 12, fig. 5 (1867).	Bogota.
<i>E. quantius</i> group.			
Muscosa	Butler	Ent. Mo. Mag. 6, pl. 1, fig. 6 (1870).	Brazil.
Quantius	Godart	Enc. Méth. ix. pp. 466 & 511 (1819).	Brazil.
Stelligera	Butler	Trans. Ent. Soc. p. 424 (1874) .	Minas Geraes.
<i>E. libye</i> group.			
Antonoë	Cramer	Pap. Exot. 1, pl. 59, figs. E, F (1779).	Surinam.
Zeba	Butler	Lep. Exot. pl. iii. fig. 3 (1869) .	Pebas.
Sabina	Felder	Reise der Nov. Lep. iii. p. 483 (1867).	Cayenne.
Satyrina }	Bates	Ent. Mo. Mag. 1, p. 179 (1865) .	Guatemala.
Gigas }	Butler	P. Z. S. pl. 40, fig. 7 (1866) . .	Mexico.
Tiessa }	Hewitson . .	Butler, Lep. Exot. pl. 18, fig. 4 (1870).	Ecuador.
Libye }	Linnaeus . . .	Syst. Nat. ii. p. 772 (1766)	West Indies, 'India,' <i>Linn.</i>
Libyoidea . . }	Butler	P. Z. S. pl. 11 fig. 13 (1867) . .	Nicaragua.
<i>E. pacarus</i> group.			
Saundersii	Butler	P. Z. S. pl. 40, fig. 17 (1866) . .	Ega, Pernambuco.
Mima	Butler	P. Z. S. pl. 12, fig. 7 (1867) . .	Tapajos.
Fumata	Butler	P. Z. S. pl. 12, fig. 14 (1867) . .	— ?
Pacarus	Godart	Enc. Méth. ix. pp. 465 & 495 (1819).	Brazil.

Specific name.	Author.	Where figured, or (if not figured) where first described.	Typical localities.
Peculiaris	Butler	Trans. Ent. Soc. p. 424 (1874) .	Minas Geraes.
Insignis	Butler	P. Z. S. pl. 40, fig. 12 (1866) ..	— ?
Erichtho	Butler	P. Z. S. pl. 40, fig. 15 (1866) ..	Pernambuco, Rio, Ega, Pará.
<i>E. lea</i> group.			
Lea	Cramer	Pap. Exot. ii. pl. 151, figs. C, D (1779).	Surinam.
Junia	Cramer	Pap. Exot. iv. pl. 292, figs. D, E (1782).	Surinam.
Philippa	Butler	P. Z. S. pl. 11, fig. 3 (1867) ..	Ega.
Angelica	Butler	Trans. Ent. Soc. p. 424 (1874) ..	Rio.
<i>E. gera</i> group.			
Batesii	Butler	P. Z. S. p. 493, pl. 40, fig. 16 (1866).	Tapajos.
Tricolor	Hewitson . .	Gen. Diurn. Lep. pl. 65, fig. 3 (1851).	Amazons.
Fulgora	Butler	Lep. Exot. pl. iii. fig. 4 (1869) .	Pebas.
Nortia	Hewitson . .	Exot. Butt. iii. pl. 44, fig. 2 (1861).	Amazons.
Gera	Hewitson . .	Gen. Diurn. Lep. pl. 63, fig. 4 (1851).	Tapajos.
Metagera	Butler	P. Z. S. pl. 11, fig. 4 (1867) ..	Upper Amazons.
Hiemalis	Butler	P. Z. S. pl. 12, fig. 4 (1867) ..	Amazons.
<i>E. cluena</i> group.			
Cluena	Drury	Ill. Exot. Ent. iii. pl. 7, figs. 5, 6 (1782).	Brazil.
<i>E. doris</i> group.			
Doris	Cramer	Pap. Exot. i. pl. 8, figs. B, C (1779).	Surinam.
Glaucina	Bates	Ent. Mo. Mag. i. p. 202 (1865)	Guatemala.
Ægrota	Butler	P. Z. S. pl. 11, fig. 2 (1867)	Pará.
Pilata	Butler	P. Z. S. pl. 40, fig. 3 (1866) ..	Ega.
Brixiola	Butler	P. Z. S. pl. 40, fig. 9 (1866) ..	Pará.
Brixius	Godart	Enc. Méth. ix. pp. 464 & 490 (1819).	Brazil.
Cœlestis	Butler	P. Z. S. pl. 40, fig. 5 (1866) ..	Ega.
Mare	Butler	Lep. Exot. pl. iii. fig. 6 (1869) .	Pará.
Cærulea	Butler	Lep. Exot. pl. iii. figs. 1, 2 (1869)	Maranham.
Cyanites	Butler	Ann. & Mag. Nat. Hist. viii. p. 282 (1871).	Brazil.
Ziza	Butler	Lep. Exot. pl. iv. fig. 1 (1869) .	Pebas.
Urania	Butler	P. Z. S. pl. 40, fig. 6 (1866) ..	Cameta.
Cœlica	Hewitson . .	Butler, Lep. Exot. pl. xviii. fig. 2 (1870).	Ecuador.
Lobelia	Butler	Lep. Exot. pl. xviii. fig. 5 (1870).	Ecuador.

Specific name.	Author.	Where figured, or (if not figured) where first described.	Typical localities.	
<i>E. mæpius</i> group.				
Mæpius	Godart	Enc. Méth. ix. pp. 464 & 490 (1819).	Guiana.	
Picea	Butler	P. Z. S. pl. 12, fig. 6 (1867) . .	Ega.	
<i>E. doxes</i> group.				
Junonia	Butler	P. Z. S. pl. 11, fig. 11 (1867) . .	Tapajos.	
Gemmula	Butler	P. Z. S. pl. 11, fig. 7 (1867) . .	Rio Janeiro.	
Doxes	Godart	Enc. Méth. ix. pp. 465 & 493 (1819).	Brazil.	
Erycina	Butler	P. Z. S. pl. 11, fig. 6 (1867) . .	Brazil.	
Latia	Butler	P. Z. S. pl. 40, fig. 14 (1866) . .	Bahia.	
<i>E. arnæa</i> group.				
Arnæa	} Fabricius . .	Cramer, Pap. Exot. iv. pl. 292, figs. F, G (1782) = <i>E. ebusa</i> . .	Surinam.	
Sericeella		Bates	Ent. Mo. Mag. i. p. 202 (1865)	Guatemala.
Byses		Godart	Enc. Méth. ix. pp. 466 & 496 (1819).	Brazil.
Chloris	Cramer	Pap. Exot. iv. pl. 293, figs. A, B (1782).	Surinam.	
Herse	Cramer	Pap. Exot. i. pl. 10, figs. C, D (1779).	Surinam.	
Callichloris	Butler	P. Z. S. pl. 40, fig. 10 (1866) . .	Ega.	
Hewitsonii	Butler	P. Z. S. pl. 40, fig. 4 (1866) . .	Pará.	
Agatha	Butler	P. Z. S. pl. 40, fig. 8 (1866) . .	Pará.	
Tolumnia	Cramer	Pap. Exot. ii. pl. 130, figs. F, G (1779).	Surinam.	
Ayaya	Butler	P. Z. S. pl. 40, fig. 11 (1866) . .	Tapajos.	
Iris	Felder	Reise der Nov. Lep. iii. p. 483 (1867).	Bogota.	
<i>E. clorimena</i> group.				
Cosmophila	Hübner	Zuträge, figs. 255, 256 (1806) . .	Bahia.	
Pagyris	Godart	Butler, P. Z. S. pl. 11, fig. 1 (1867).	Brazil.	
Itonis	Hewitson	Exot. Butt. iii. pl. 44, fig. 3 (1862)	Pará.	
Quadrina	Butler	Lep. Exot. pl. iii. fig. 5 (1869) . .	Maranham.	
Clorimena	Stoll	Pap. Exot. pl. 13, figs. 2, 2 b (1791).	Surinam.	
Salvini	Butler	P. Z. S. pl. 40, fig. 13 (1866) . .	Panama.	
<i>E. phocion</i> group.				
Phocion	Fabricius	Ent. Syst. iii. p. 218, n. 683 (1793).	United States.	
Pyraemon	Butler	P. Z. S. pl. 11, fig. 10 (1867) . .	Mexico.	
Cornelius	Fabricius	Hübner, Zuträge, figs. 7, 8 (1806) as <i>E. gemma</i> .	— ?	
Argentella	Butler and Druce.	Cist. Ent. i. p. 98	Costa Rica.	

Specific name.	Author.	Where figured, or (if not figured) where first described.	Typical localities.
Ithama	Butler	Lep. Exot. pl. iv. fig. 4 (1869)	Central America.
		Undetermined species*.	
Lupita	Reakirt	Proc. Acad. Phil. p. 331 (1866)	Mexico.
Alcinoë	Felder	Reise der Nov. Lep. iii. p. 477 (1867).	Bogota, Venezuela.
Sylvina	Felder	Reise der Nov. Lep. iii. p. 478 (1867).	Bahia.
Numeria	Felder	Reise der Nov. Lep. iii. p. 478 (1867).	Bahia.
Numilia	Felder	Reise der Nov. Lep. iii. p. 478 (1867).	Bogota.
Pompilia	Felder	Reise der Nov. Lep. iii. p. 479 (1867).	Bogota, Mexico.
Peloria	Felder	Reise der Nov. Lep. iii. p. 479 (1867).	Venezuela.
Manasses	Felder	Reise der Nov. Lep. iii. p. 479 (1867).	Bahia*.

Descriptions of new Species.

EUPTYCHIA ANACLETA, n. sp. Pl. XII. fig. 4.

Wings semitransparent, pale brown, becoming more opaque towards the outer margin, with two parallel regular central dusky bands; an ill-defined discal nebula; one ill-defined dusky subapical blind ocellus in primaries and five increasing blind ocelli in secondaries, the fifth largest, better-defined, and blackish; primaries with a dusky submarginal diffused band, secondaries with two undulated submarginal lines, distinctly separate towards anal angle, but coalescing towards apex; abdominal area of female whitish: body grey, head brown: wings below very pale grey, nearly white, crossed by three bands, the two nearest to the base red-brown, the third broader, red-brown on secondaries, more or less ochreous on primaries (entirely so in the male); two irregularly undulated submarginal blackish lines, terminating at anal angle of secondaries in two irregular orange lituræ; primaries with a large subapical black ocellus, with blue pupil and testaceous iris; below it two small ill-defined ocelli; a large diffused discal ochreous patch; subapical area dusky; a grey marginal line; secondaries with five ocelli, the fifth large, the first, second, and fifth black, with blue pupils and stramineous irides, the third and fourth dusky, with silvery pupils and pale testaceous irides; a dusky nebula round the ocelli: body below whitish: expanse of wings ♂ 1 inch 4 lines, ♀ 1 inch 5 lines.

* The species described by Felder, and here enumerated, will remain unknown to science until either proper descriptions are published, or the types can be examined.

♂ Chiriqui (*Ribbe*); ♀ Bogota (*Nolcken*). Coll. Dr. O. Staudinger.
Allied to *E. palladia*.

E. URBANA, n. sp. Pl. XII. fig. 7.

Wings above olive-brown, basal area and outer border of primaries rather darker, an undulated submarginal line and two marginal lines dark brown; secondaries with a line enclosed by the two marginal lines, testaceous at the anal angle; two oval subanal ocelli, the exterior one on the first median interspace double as large as the other, both of them black, with testaceous iris and silver pupil; body blackish: wings below paler, irrorated with dark brown; two central irregular ferruginous lines, submarginal and marginal lines as above, excepting that the line on the margin is black; primaries with the central lines divergent towards costa, the inner one angulated; a small blind subapical ocellus; secondaries with the central lines parallel, slightly irregular, the outer one feebly angulated at the end of the cell; six discal ocelli; the first, third, and fourth small, the fourth malformed, the first two and the last two black; all of them with silver pupils, broad ochraceous irides, and dusky diffused zones: body below grey; expanse of wings 1 inch 8 lines.

Columbia (*coll. Sommer*). In coll. Dr. O. Staudinger.

Allied to *E. variabilis*, but smaller, the primaries narrower and more produced.

E. SOTER, n. sp. Pl. XII. fig. 11.

Wings above pale olive-brown, slightly darker towards the base; a blackish transverse dot at the union of the upper and lower discocellulars of primaries; a dark brown zigzag submarginal line, a marginal testaceous line edged on both sides with dark brown; fringe greyish brown; primaries with a straight transverse discal dark brown line; secondaries with minute ocelli, on interno-median and first median interspaces: body blackish; wings below sandy brown, reticulated and speckled with dark brown; a central, broad, slightly irregular band darker than the ground-colour and edged on each side by a brown line; submarginal and marginal lines as above; primaries with a minute silver-pupilled subapical ocellus; secondaries with six minute discal ocelli in an irregular series, the fourth indistinct, the second and fifth with two very small silvery pupils: body below greyish; legs pale brown: expanse of wings 1 inch 7 lines.

New Friburg. In coll. Dr. O. Staudinger.

E. BENEDICTA, sp. n. Pl. XII. fig. 14.

Wings above olive-brown; outer border of primaries dusky; secondaries with two undulated darker brown submarginal lines; marginal line black: body blackish: wings below paler; two transverse rather broad central castaneous bands; a zigzag submarginal red-brown line,

beyond which is a slender, undulated, submarginal black line; outer margin black; primaries with central bands slightly divergent; three subapical discal ocelli, the uppermost black, white-pupilled, with yellow iris, the other two ill-defined; secondaries irrorated with testaceous; with six ocelli, the first, second, and fifth black, the others brown, the first and last small, the second and fifth largest, all excepting the first and last bipupilled, all with yellow irides; body below blackish: expanse of wings 1 inch 10 lines.

Sarayaco, Ecuador (*Buckley*). In coll. O. Salvin.

This species is allied to *E. hübnéri*, but differs considerably, particularly in the size of the ocelli below.

E. MELCHIADES, n. sp. (Pl. XII. fig. 9.)

Dark olive-brown, with two indistinct darker submarginal lines, marginal line black; fringe grey; secondaries with two small black subanal ocelli with silver pupil and ochreous iris, the upper one about three times as large as the lower: body blackish: wings below paler, mottled all over with dark brown; two submarginal dark brown lines, the inner one irregular; margin black; fringe grey: primaries with a nearly straight transverse discal line; five small discal ocelli, the second largest: secondaries with two central, parallel, transverse, dark brown lines, the outer one undulated; six discal ocelli, the second and fifth largest, the third obliquely bifid, all black, with silver pupils and ochreous irides: pectus grey, legs testaceous, palpi white, with grey hair-scales: expanse of wings 1 inch 6 lines.

Cordova (*Berg*). In coll. Dr. O. Staudinger.

Belongs to the *E. hermes* group.

E. CALIXTA, n. sp. (Pl. XII. fig. 8.)

Wings above deep olive-brown, darker towards the outer margin; body blackish, below paler, with two central dark brown bands, two submarginal lines, the inner one undulated (especially in the secondaries), and the margin dark brown; fringe dark brown: primaries with the upper discocellular dark brown; central bands slightly divergent towards the costa; five discal ocelli, the third and fourth small and brown, the others black, the second rather larger, all with silver pupils and narrow ochreous irides: secondaries with the outer central band bisinuated, and angulated at abdominal margin; six discal ocelli, the third united to the second, it and the fourth small, brown; the first and last also small, but black, the second largest; all with silver pupils, ochreous irides, and brown zones: body below dark grey: expanse of wings 1 inch 6 lines.

Bogota (*Nolcken*). In coll. Dr. O. Staudinger.

E. FABIANA, n. sp. (Pl. XII. fig. 5.)

Wings above reddish brown; body blackish: wings below paler; two central parallel transverse dark brown lines slightly incurved, and very slightly divergent at costa of primaries; a submarginal ill-defined dark brown zigzag line: pectus dark grey, venter pale brown: expanse of wings 1 inch 11 lines.

Macahé (*Beske*). In coll. Dr. O. Staudinger.

Allied to *E. rusticana*, but without the white spot on under surface of primaries; also allied to *E. vastata*.

E. EUSEBIA, n. sp. (Pl. XII. fig. 13.)

Wings above olive-brown; body dark grey: wings below with the discal area paler, margin black, a dusky line close to the margin; primaries with a transverse arched litura beyond the cell, an irregular submarginal dark-brown line, a trace of a small subapical ocellus; secondaries with two transverse central lines, the outer one angulated, and a zigzag submarginal line, dark brown, traces of five or six small discal ocelli on a dusky nebulous band, basal area and pectus blackish; venter pale brown: expanse of wings 2 inches 3 lines.

Bogota (*Nolcken*). In coll. Dr. O. Staudinger.

Allied to the preceding species.

E. CYCLOPS, n. sp. (Pl. XII. fig. 2.)

♂. Wings above piceous brown; body blackish: wings below with two central lines, a submarginal undulated line, and two marginal lines black-brown; primaries with the central lines inarched, three subapical white dots in an angulated series, the uppermost one largest; secondaries with the central lines slightly undulated and arched, the outer one strongly angulated on the discoidal interspace; six white-pupilled black spots, all extremely small excepting the fifth, which is placed upon the first median interspace, and is large and well defined: pectus blackish, legs and venter pale brown: expanse of wings 2 inches.

♀. Rather paler and larger: expanse of wings 2 inches 3 lines.

♂, Chiriqui (*Ribbe*): ♀, Canchamayo (*Thamm.*), coll. Dr. O. Staudinger; Costa Rica (*Van Patten*), coll. O. Salvin.

Allied to *E. polyphemus*. The female has four white dots on the under surface of primaries.

E. ÆTHERIALIS, n. sp. (Pl. XII. fig. 10.)

Above cobalt-blue, like *E. agrota* ♂, but with the inner transverse line of primaries obsolete, and the outer one much more slender, black subanal spot of secondaries smaller: wings below silvery blue, crossed by two slender parallel central rust-red lines, angulated upon abdominal margin; two submarginal lines, the inner one undulated, rust-red on secondaries, the outer one dark brown, very slender, a slender

dark-brown marginal line; primaries with three small discal ocelli, the uppermost one with yellow iris, the central one smallest and indistinct; secondaries with five ocelli, the first smallest, the first two and the last with yellow irides and white pupils, the last two with two pupils: body below bluish: expanse of wings 1 inch 7 lines.

Sarayaco, Ecuador (*Buckley*). In coll. O. Salvin.

This species, although nearly allied to *E. agrota* from the Lower Amazons, seems to be distinct; it is altogether less heavily marked, with the ocelli below smaller and less pronounced.

E. TELESOPHORA, n. sp. (Pl. XII. fig. 1.)

Wings above olive-brown, slightly darker towards the outer margins, primaries with an ill-defined darker submarginal line; secondaries with a greyish discal nebula enclosing an ill-defined dusky spot near anal angle; two submarginal lines and the fringe black-brown: wings below much like those of *E. pagyris*, but the wings narrower, outer band of primaries much less strongly arched; area enclosed by the central bands of secondaries white to the origin of the radial nervure; outer band strongly angulated, the angle being formed at the apex of the discoidal cell; outer margin of the yellow discal area much more irregular; silver spots narrower, the second from costa forming a small black ocelloid spot; the black patch on first median interspace double the width, with one large quadrate silver pupil; subanal silver spots placed obliquely to each other: expanse of wings 1 inch 8 lines.

Hab. —? (Sommer's collection). In coll. Dr. O. Staudinger.

It is possible that this may be Stoll's *E. clorimena*; but the figure of that species is so very poor, that not knowing the habitat of *E. telesphora* I cannot consider it identical with *E. clorimena*.

E. HYGINA, n. sp. (Pl. XII. fig. 6.)

Wings above pale olive-brown; primaries with submarginal lines dimly visible through the wing; secondaries with a large pale buff discal patch, round which is a series of five blackish spots, the three smaller ones forming a triangle at its upper extremity, the two larger ones submarginal, upon the median interspaces; two zigzag submarginal blackish lines coalescing towards apex; outer border pale; margin brown: body greyish: wings below paler than above, whitish brown, markings of primaries almost as in the preceding species, but of a lighter ferruginous brown colour; secondaries with two central parallel lines, the outer one irregular, deeply excised where it crosses the cell, and widened by a tapering slightly paler ferruginous border below it; discal area whitish, as usual, with the ochreous area brightly coloured, and spotted with silver as follows—two small spots close together near apex, four larger spots forming a diamond-shaped figure

beyond the cell, a transverse ∞ -shaped figure with silver centres and three silver spots towards anal angle; outer border buff-coloured, enclosed by the zigzag submarginal line as above: body greyish white: expanse of wings 1-inch 9 lines.

Hab. Brazil. In coll. Dr. O. Staudinger.

Also allied to *E. pagyris*.

E. CLEMENTIA, n. sp. (Pl. XII. fig. 3.)

♂. Wings above pale olive-brown, crossed by an ill-defined central darker line, beyond which there is a band of slightly paler colour not well defined; primaries with ϵn indication of a submarginal line, and the margin slightly darker brown; secondaries with four smoky-brown diffused discal spots in an arched series, two zigzag submarginal dark-brown lines on a whitish-brown ground; fringe greyish brown: body dark grey, head and abdomen brownish: wings below paler, crossed by two darker lines which diverge towards the costal margins of both wings; two submarginal lines and the outer margin dark brown; discal area of primaries whitish, crossed by a transverse olive-brown band which encloses a series of ill-defined silver-dotted ocelloid spots; secondaries with the disk snow-white, crossed by a broad irregular brown-edged ochreous band, enclosing two silver-centred black ocelli towards apex (the second large) and one towards anal angle; between and beyond the ocelli some elongate silver markings: body below whitish: expanse of wings 1 inch 7 lines.

Chanchamayo (*Thamm.*). In coll. Dr. O. Staudinger.

This beautiful little species is allied to *E. cosmophila*. It is very distinct from any thing that I have seen.

PS. Since the foregoing was read and set up in type, I find that H. B. Moeschler (Verhand. Zool. Bot. Gesellsch. Wien, 1876, p. 323) describes as a new species *Euptychia nana*, from Surinam. It seems to me to be one of the many slight variations of *E. hermes*.

Also (*l. c.* p. 324, tab. iii. fig. 11) *E. thalessa*, n. sp., from Surinam; this is probably an abnormal form of *E. batesii*, which it closely resembles on the underside.

EXPLANATION OF PLATE XII.

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| Fig. 1. <i>Euptychia telesphora</i> , p. 127. | Fig. 8. <i>Euptychia calixta</i> , p. 125. |
| 2. — <i>cyclops</i> , p. 126. | 9. — <i>melchiades</i> , p. 125. |
| 3. — <i>clementia</i> , p. 128. | 10. — <i>ætherialis</i> , p. 126. |
| 4. — <i>anacteta</i> , p. 123. | 11. — <i>soter</i> , p. 124. |
| 5. — <i>fabiana</i> , p. 126. | 12. — <i>galesus</i> , p. 119. |
| 6. — <i>hygina</i> , p. 127. | 13. — <i>eusebia</i> , p. 126. |
| 7. — <i>urbana</i> , p. 124. | 14. — <i>benedicta</i> , p. 124. |

In these figures the under surface of the specimen is shown, excepting fig. 10, where the upper surface has been drawn.

